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ABSTRACT

This publication consists solely of statistical data about women in medicine. Eight tables and three figures are presented. The tables are organized as follows: (1) Women Applicants, Enrollees and Graduates--Selected Years 1949-50 through 1991-92; (2) Comparative Acceptance Data for Men and Women Applicants 1973-74 through 1990-91; (3) Acceptance Rates of Applicants by Age and Sex 1991-92 First-year Class; (4) Distribution of Women Residents, 1990; (5) Women Faculty by Departments, 1975 and 1992; (6) Women Chairs of Academic Departments--1991-92; (7) Women Physicians by Activity and Specialty; and (8) Women in Administrative Positions in Medical Schools. Three figures graphically display full-time medical school faculty by rank and gender; full-time medical school faculty by degree and gender; and ethnicity of female faculty in U.S. medical schools (1992). (LL)

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ASSOCIATION OF AMERICAN MEDICAL COLLEGES

WOMEN IN MEDICINE

STATISTICS

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ASSOCIATION OF AMERICAN MEDICAL COLLEGES

WOMEN IN MEDICINE

STATISTICS

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TABLE 1

WOMEN APPLICANTS, ENROLLEES & GRADUATES–SELECTED YEARS 1949-1950 THROUGH 1991-92

Year of Matriculation	Applicants		First-Year Enrollment		Total Enrolled		Graduates	
	No.	%	No.	%	No.	%	No.	%
1949-50	1,390	5.7	387	5.5	1,806	7.2	595	10.7
1959-60	1,026	6.9	494	6.0	1,710	5.7	405	5.7
1964-65	1,731	9.0	786	8.9	2,503	7.7	503	6.8
1969-70	2,289	9.4	952	9.2	3,390	9.0	700	8.4
1974-75	8,712	20.4	3,260	22.3	9,786	18.1	1,706	13.4
1979-80	10,222	28.3	4,713	27.8	16,141	25.3	3,497	23.1
1984-85	12,476	34.7	5,715	33.6	21,316	31.8	4,904	30.1
1985-86	11,562	35.2	5,800	34.2	21,650	32.5	4,957	30.8
1986-87	11,267	36.0	5,894	35.0	22,100	33.4	5,107	32.3
1987-88	10,411	37.0	6,098	36.5	22,544	34.3	5,215	32.8
1988-89	10,264	38.4	6,254	37.1	22,985	35.2	5,221	33.4
1989-90	10,546	39.2	6,414	38.3	23,513	36.2	5,231	34.5
1990-91	11,392	40.2	6,550	38.8	24,286	37.3	5,553	35.9
1991-92	13,700	41.1	6,804	39.9	24,962	38.1	NA	
1992-93 (est.)	15,564	41.7						

Source: AAMC Section for Student Services

TABLE 2

COMPARATIVE ACCEPTANCE DATA FOR MEN AND WOMEN APPLICANTS 1973-1974 THROUGH 1990-91

Year of Matriculation	No. of Applicants		No. Accepted		% Accepted	
	Men	Women	Men	Women	Men	Women
1974-75	33,912	8,712	11,674	3,392	34.4	38.9
1975-76	32,515	9,575	11,619	3,639	35.7	38.0
1976-77	31,911	10,244	11,852	3,922	37.1	38.3
1977-78	30,374	10,195	11,896	4,081	39.2	40.0
1978-79	27,075	9,561	12,352	4,175	45.6	43.7
1979-80	25,919	10,222	12,156	4,730	46.9	46.3
1980-81	25,436	10,664	12,196	4,950	47.9	46.4
1981-82	25,054	11,673	11,953	5,333	47.7	45.7
1982-83	24,045	11,685	11,843	5,451	49.3	46.7
1983-84	23,239	11,961	11,577	5,632	49.8	47.1
1984-85	23,468	12,476	11,463	5,731	48.8	45.9
1985-86	21,331	11,562	11,370	5,858	53.3	50.7
1986-87	20,056	11,267	11,159	5,933	55.6	52.7
1987-88	17,712	10,411	10,822	6,205	61.1	59.6
1988-89	16,457	10,264	10,785	6,323	65.5	61.6
1989-90	16,369	10,546	10,522	6,453	64.3	61.2
1990-91	17,458	11,785	10,550	6,656	60.4	56.5
1991-92	19,601	13,700	10,493	6,943	53.5	50.6
1992-93	21,736	15,564				

Source: AAMC Section for Student Services

TABLE 3

ACCEPTANCE RATES OF APPLICANTS BY AGE AND SEX

1991-92 FIRST-YEAR CLASS

	Men			Women		
Age	Number of Applicants	Percent	Percent Accepted	Number of Applicants	Percent	Percent Accepted
20 & under	378	1.9	77.8	355	2.6	73.2
22 - 23	11,264	57.5	61.2	7,772	56.7	56.1
24 - 27	4,806	24.5	43.8	3,183	23.2	43.2
28 - 31	1,762	9.0	40.1	1,160	8.5	41.3
32 - 34	634	3.2	41.6	537	3.9	39.9
35 - 37	383	2.0	32.6	338	2.5	39.1
38 and Over	374	1.9	28.6	355	2.6	33.5
Total	19,601	100.0	53.5	13,700	100.0	50.7

Source: AAMC Medical School Admission Requirements, 1993-94.

TABLE 4

DISTRIBUTION OF WOMEN RESIDENTS, 1990

Specialty	Number	% of All Women Residents	Women Residents as % of all Residents		
			1988	'89	'90
Allergy & Immunology	81	.4	31.7	27.3	25.2
Anesthesiology	1,064	4.0	19.2	20.3	21.8
Critical Care	6	*	—	—	16.2
Colon & Rectal Surgery	7	*	2.3	6.8	13.0
Dermatology	394	1.6	4.4	46.4	47.8
Dermatopathology	7	*	33.3	62.5	28.0
Emergency Medicine	439	1.7	23.8	24.5	24.6
Family Practice	2,362	9.6	29.9	31.7	35.4
Internal Medicine	5,497	23.0	26.0	27.4	29.3
Internal Medicine Subs.	1,227	5.0	16.4	19.4	20.0
Neurological Surgery	55	.2	7.9	7.3	7.6
Neurology	333	1.4	26.9	27.1	27.5
Child Neurology	23	*	—	—	22.8
Nuclear Medicine	37	.1	13.7	22.6	23.7
Obstetrics & Gynecology	2,025	8.2	46.0	44.2	46.9
Ob/Gyn Subs.	82	.3	—	—	35.0
Ophthalmology	345	1.4	21.7	22.6	23.9
Orthopedic Surgery	140	.6	5.4	5.0	5.3
Orthopedic Subs.	7	*	—	—	14.0
Otolaryngology	143	.6	12.4	13.6	14.3
Pathology	913	3.7	36.1	38.0	38.6
Pathology Subs.	49	.2	22.3	24.2	38.0

Specialty	Number	% of All Women Residents	Women Residents as % of all Residents 1988	'89	'90
Pediatrics	3,321	13.6	49.0	50.3	54.3
Pediatrics Subs.	330	1.5	36.1	33.9	42.2
Physical Medicine & Rehabilitation	289	1.1	26.6	30.1	32.4
Plastic Surgery	54	.2	12.0	13.4	13.8
Preventive Medicine General	66	.2	33.4	41.2	45.2
Aerospace	5	*	5.8	1.2	10.4
Combined General Preventive Med./Public Health	20	*	43.3	36.3	35.7
Occupational Medicine	29	.1	30.9	27.7	17.8
Public Health	11	*			
Psychiatry	2,007	8.8	38.7	40.6	42.9
Child Psychiatry	321	1.3	50.9	50.2	50.0
Radiology, Diagnostic	961	3.9	24.1	24.7	25.5
Radiology Diagnostic (Nuclear)	8	*	14.2	7.0	25.0
Radiation Oncology	109	.5	20.1	25.2	24.6
Surgery	1,079	4.4	12.5	13.0	14.1
Surgery Subs.	13	*	—	—	9.6
Thoracic Surgery	12	*	1.0	2.0	3.9
Urology	51	.2	5.0	5.3	5.3
Transitional Year	349	1.4	23.3	21.2	23.7
Combined Special Programs	215	.9	—	—	36.8
TOTAL	24,492	100.0	27.0	28.0	29.5

* Less Than .1%

Source: JAMA: 26:937-9, August 21, 1991.

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TABLE 5

WOMEN FACULTY BY DEPARTMENTS, 1975 & 1992

	# Women 1975	% Women 1975	# Women 1992	% Women 1992	# Women Full Professors
Basic Sciences					
Anatomy	244	15.5	342	20.5	70
Biochemistry	157	10.4	376	18.2	76
Microbiology	189	15.7	365	22.9	77
Pathology	468	17.7	998	24.4	141
Pharmacology	110	10.3	274	18.1	62
Physiology	162	11.5	289	16.1	59
Other Basic Sciences Department	NA		283	22.8	50
Clinical					
Anesthesiology	233	19.1	776	24.2	34
Dermatology	28	10.4	100	23.42	11
Emergency Medicine	NA		47	17.7	0
Family Practice	89	14.8	443	26.7	18
Internal Medicine	630	8.7	2,798	18.5	206
Neurology	118	12.3	363	18.6	27
Obstetrics/Gynecology	183	13.4	804	29.1	48
Ophthalmology	60	9.2	212	17.3	24
Orthopedic Surgery	12	3.6	91	9.8	4
Otolaryngology	51	12.7	116	18.4	7
Pediatrics	917	27.7	2,453	35.4	244
Physical Medicine	164	29.2	243	38.1	13
Psychiatry	852	19.1	1,565	27.4	110
Public Health	288	24.5	427	34.2	36

	# Women 1975	% Women 1975	# Women 1992	% Women 1992	# Women Full Professors
Radiology	252	10.9	829	18.7	76
Surgery	141	3.9	540	9.3	43
Other Clinical Department	NA		13	21.0	2
Allied Health Depts.	NA		191	41.3	10
Other Departments	NA		395	29.2	15
TOTAL	5,348	100%	15,533	100%	1,463

Source: AAMC Faculty Roster

TABLE 6

WOMEN CHAIRS OF ACADEMIC DEPARTMENTS -- 1991-92

Of the 90 women chairing academic departments, 13 are serving in an acting or interim capacity.

Basic Sciences -- 42

Anatomy	4	Pathology	5
Biochemistry	4	Pharmacology	5
Microbiology	10	Physiology	3
Neurosciences	1	Other	10

Clinical Sciences -- 45

Anesthesiology	4	Obstetrics/ Gynecology	6
Dermatology	2	Pediatrics	10
Emergency Medicine	1	Psychiatry	2
Family/Community Medicine	9	Radiology	5
Neurology	2	Rehab./Physical Medicine	3
		Surgery	1

Interdisciplinary -- 3

Source: AAMC Directory of American Medical Education, 1991-92 (these numbers are the result of a count of likely first-names and therefore are approximate).

TABLE 7

WOMEN PHYSICIANS BY ACTIVITY AND SPECIALTY

Total Physicians (1990): 615,421

Total Women Physicians: 104,194 (17% of all physicians)

Activity			
Patient Care			86,376 (83%)
Office Based		49,249 (47%)	
Hospital Based		37,127 (36%)	
Residents	24,839 (24%)		
Clinical Fellows	1,999 (2%)		
Full-time Staff	10,289 (10%)		
Other Professional Activity			6,911 (7%)
Inactive/not classified/no address			9,907 (10%)
Specialty*			
Internal Medicine	19,528		
Pediatrics	15,675		
General and Family Practice	10,602		
Psychiatry	8,170		
Obstetrics/Gynecology	7,551		

* Five highest ranked by size

Source: American Medical Association, Women in Medicine Services, 1992.

TABLE 8

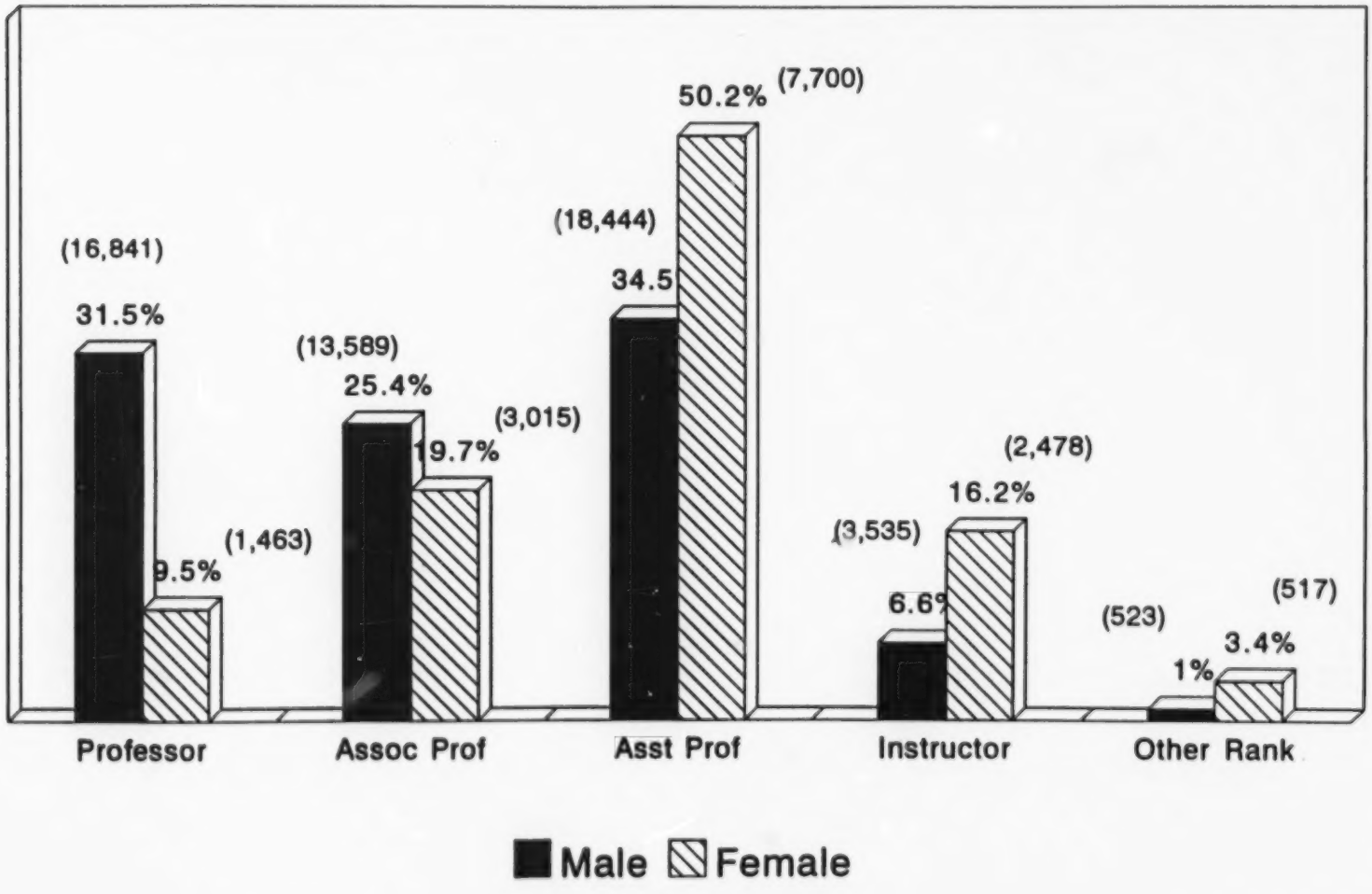
WOMEN IN ADMINISTRATIVE POSITIONS IN MEDICAL SCHOOLS

	1975-76		1986-87		1991-92	
	Total	Women	Total	Women	Total	Women
Deans	119	0	127	2	126	1
% Women				1.6		.7
Senior Associate or University-Level Deans	NA		NA		NA	
% Women						10
Associate Deans	382	13	664	64	772	114
% Women		3.4		9.6		14.7
Assistant Deans	249	29	370	75	405	102
% Women		11.7		20.3		25.1

Source: AAMC Directory of American Medical Education (these numbers are the result of a count of likely first-names and therefore are quite approximate)

Fig. 1

Full-Time Medical School Faculty
by Rank & Gender



M - 53,488 / F - 15,333

Rank Missing: Male - 1% (556); Female - 1% (160)

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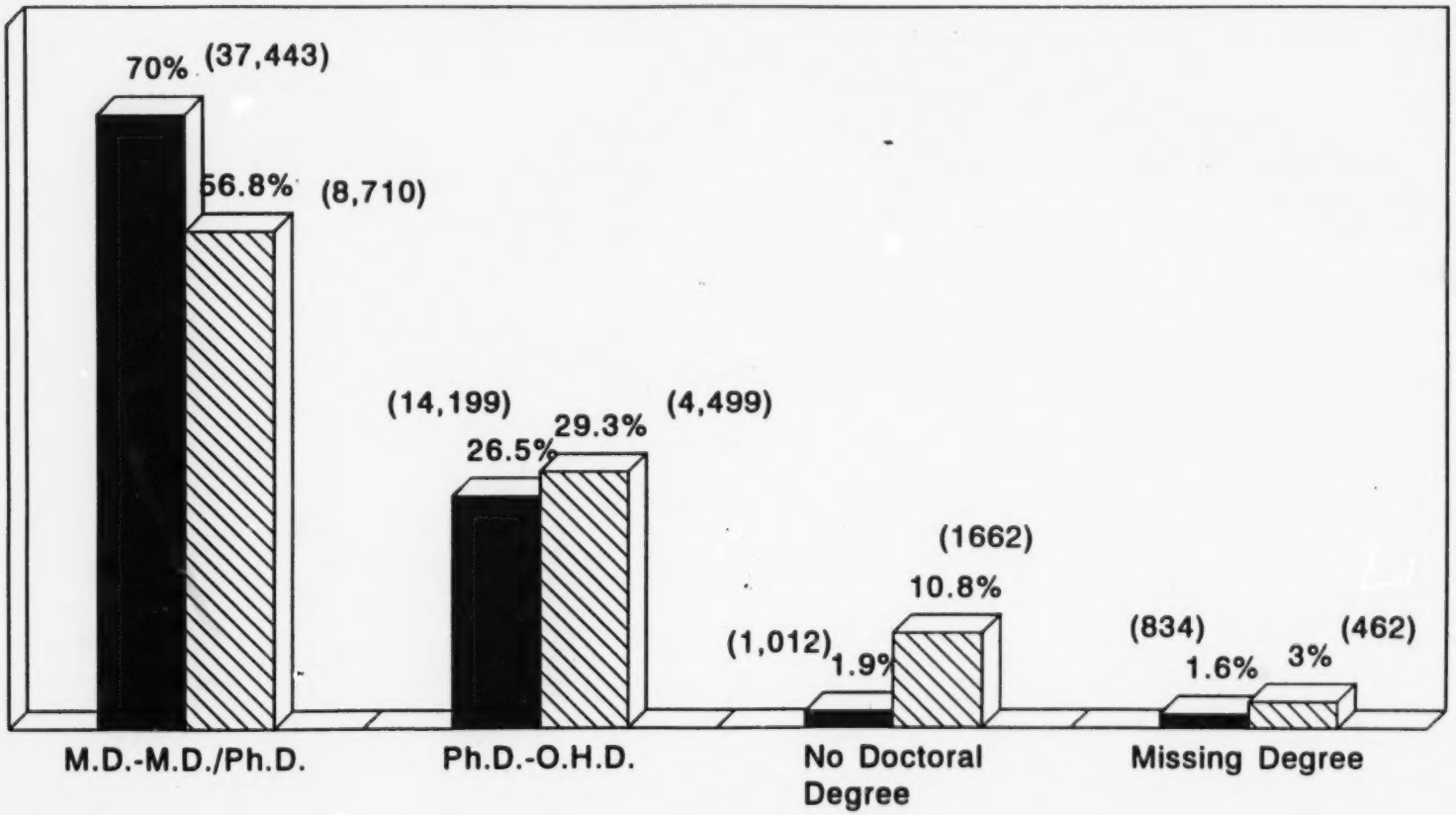
Fig. 2

Full-Time Medical School Faculty
By Degree & Gender



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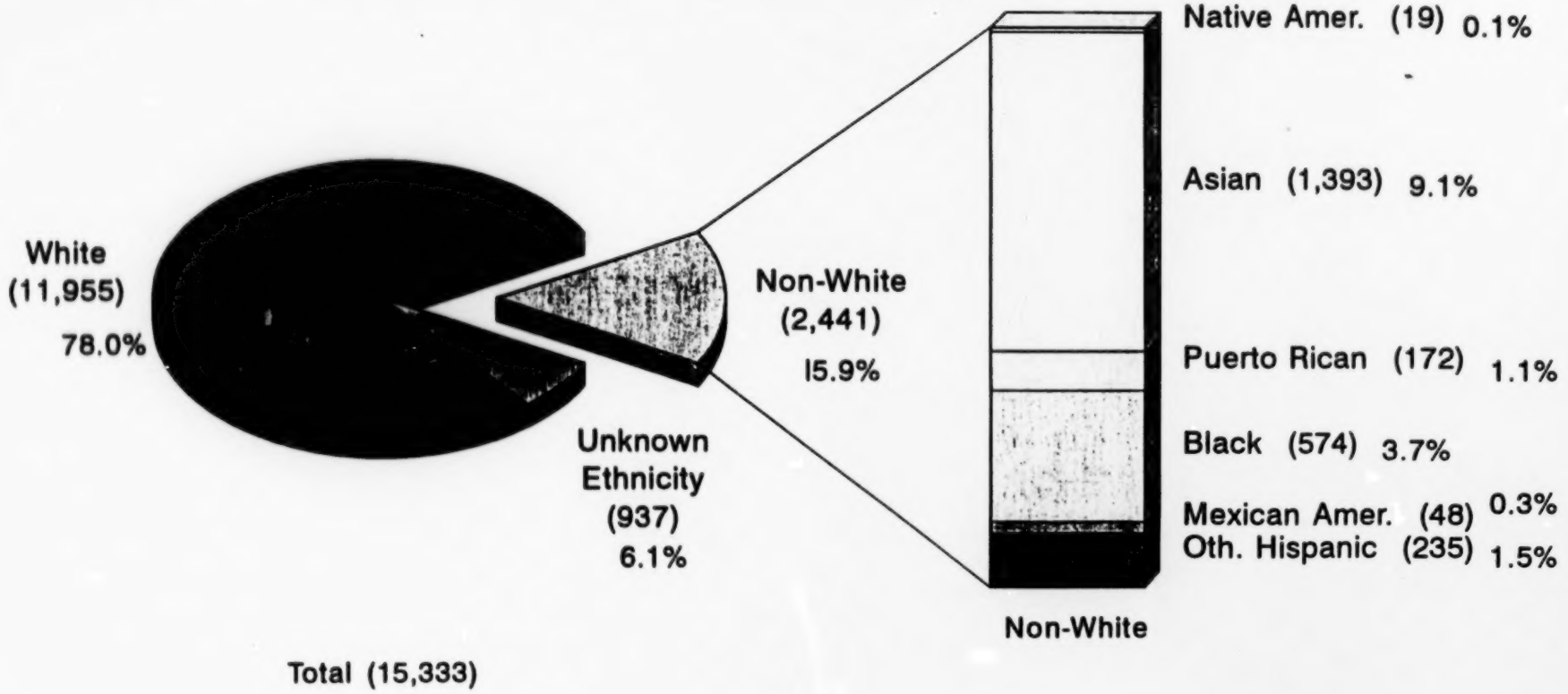
June 1992

Fig. 3

Ethnicity of Female Faculty in U.S. Medical Schools



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